

EMBEDDED MULTIPLE DESCRIPTION SCALAR QUANTIZERS FOR  
PROGRESSIVE IMAGE TRANSMISSION

Gavrilescu et al.

Appl. No.: Unknown

Atty Docket: IMEC328.001AUS

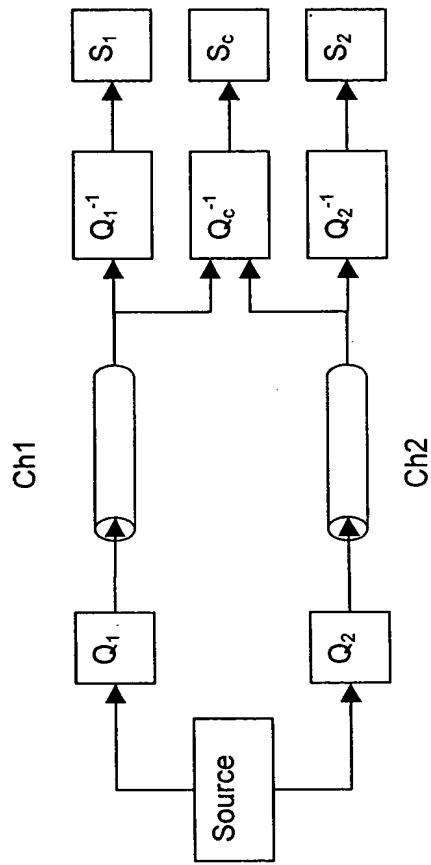


Fig. 1A

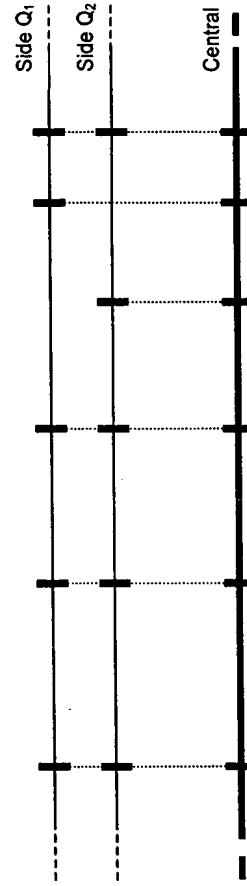
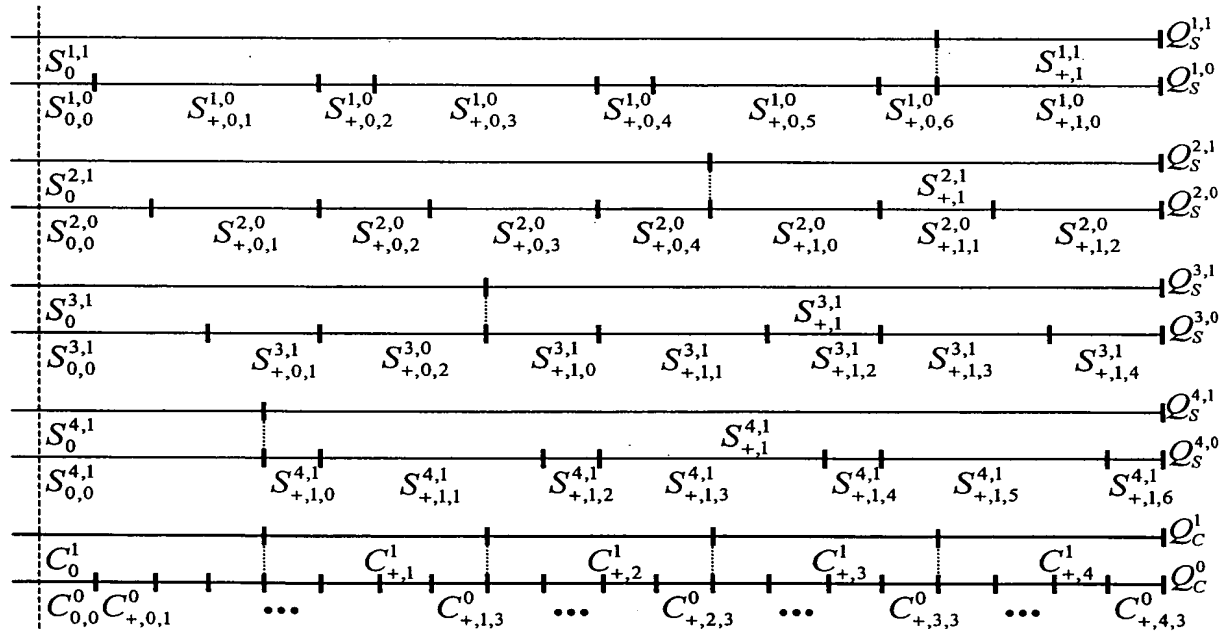
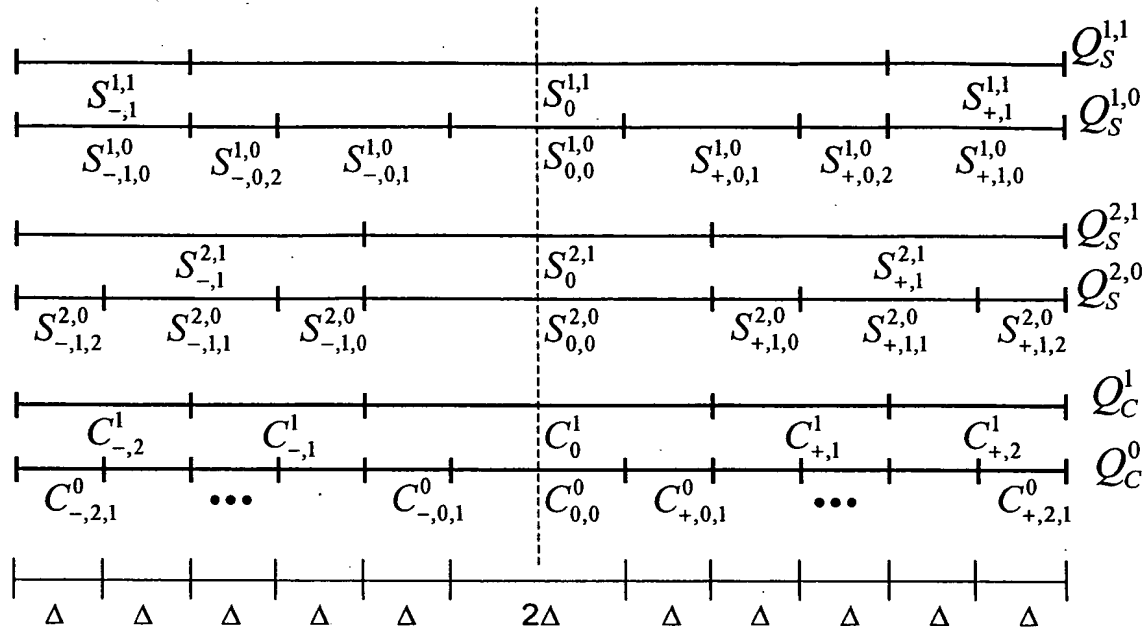


Fig. 1B



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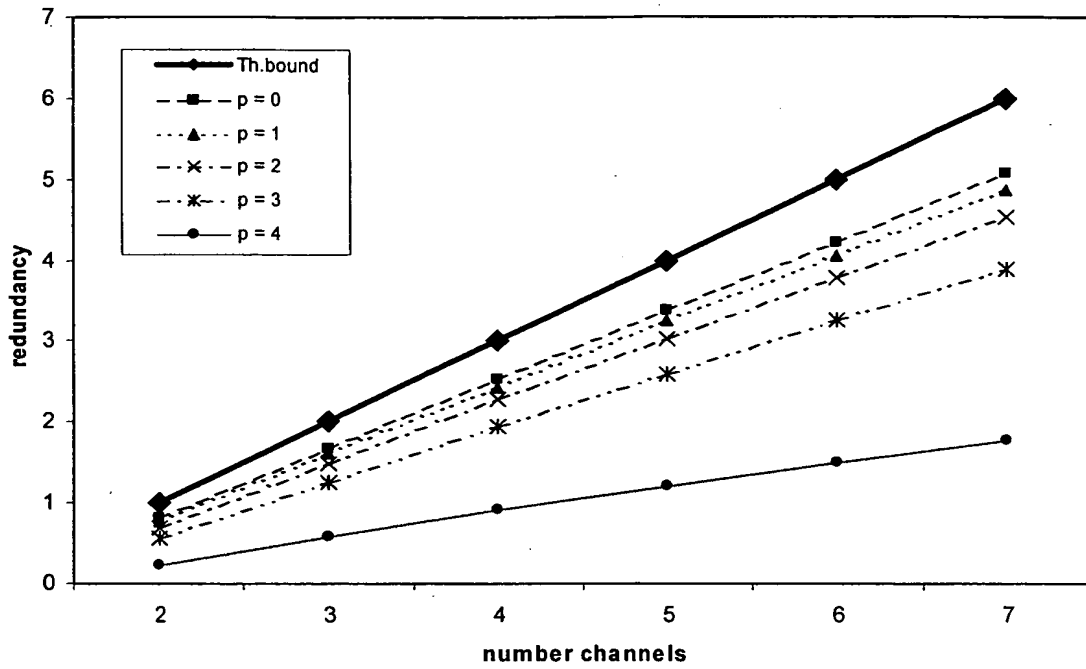


Fig. 3

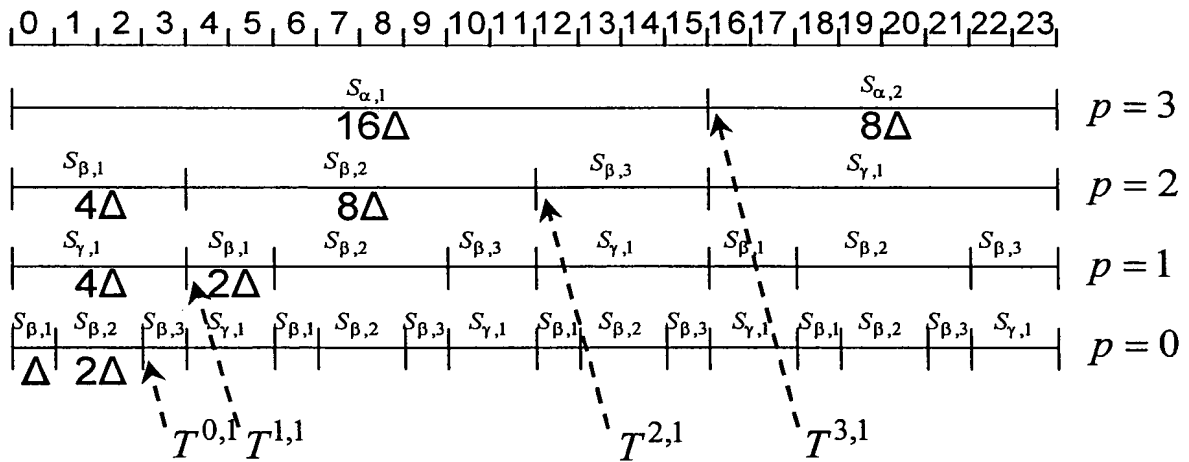


Fig. 4

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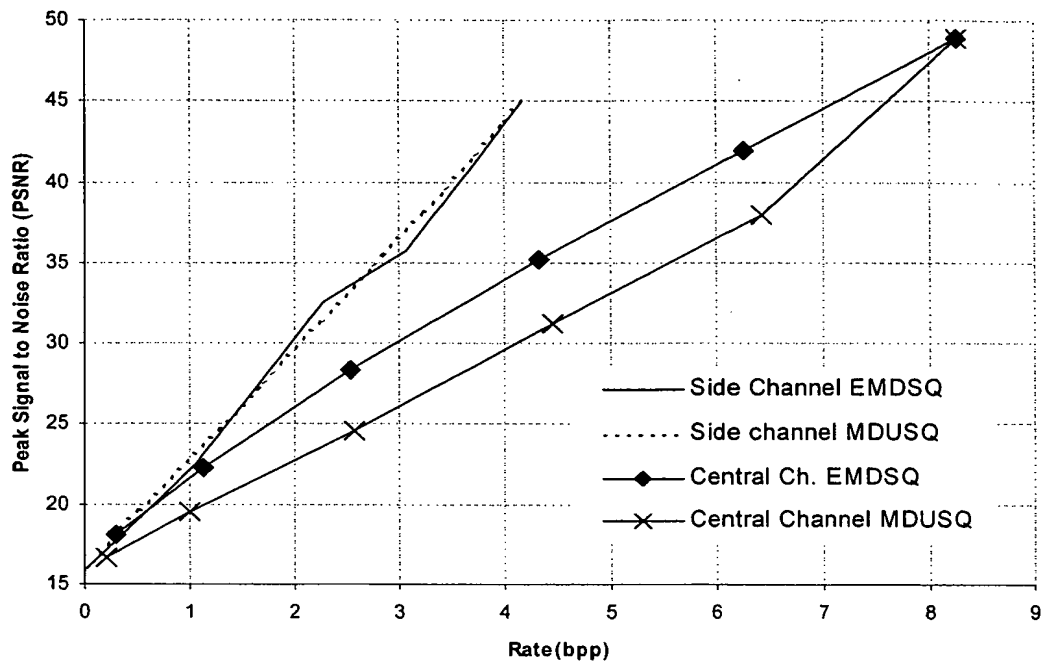


Fig. 5

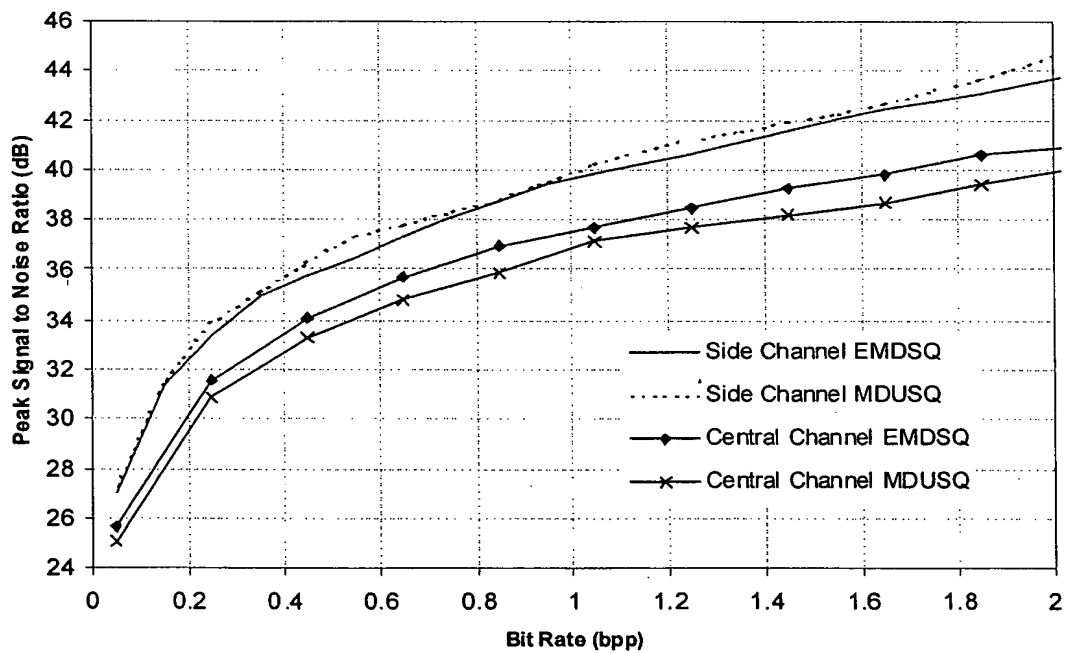


Fig. 6

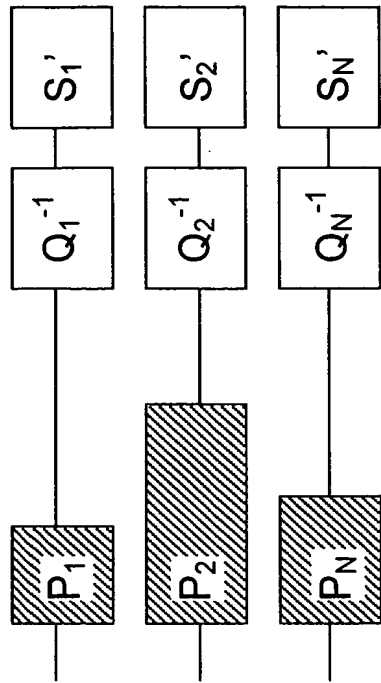
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Image	Quant.	0.125	0.25	0.5	1	2	4
barb.raw	EMDSQ	23.90	25.72	28.52	32.56	37.75	44.52
	MDUSQ	23.63	24.87	28.20	32.16	37.15	42.85
bird.raw	EMDSQ	30.98	34.31	37.94	41.46	44.82	50.04
	MDUSQ	30.15	33.40	37.15	40.66	43.78	48.88
boat.raw	EMDSQ	26.09	28.48	31.23	34.84	39.72	44.92
	MDUSQ	25.62	27.73	30.46	33.85	38.30	43.80
camera.raw	EMDSQ	23.32	25.26	28.08	31.78	37.06	44.43
	MDUSQ	22.59	24.80	27.50	30.87	36.21	43.08
mandrill.raw	EMDSQ	20.99	21.90	23.51	25.97	29.59	35.50
	MDUSQ	20.59	21.57	22.91	25.25	28.94	34.51
average mean diff.		0.54	0.66	0.61	0.76	0.91	1.25

**Fig. 7**



$\approx$

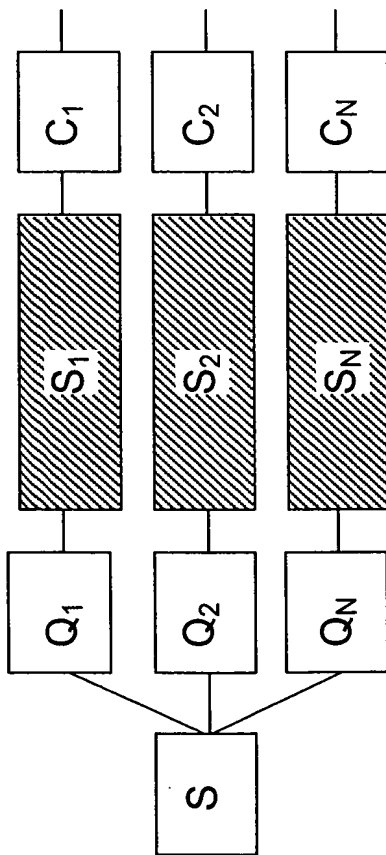
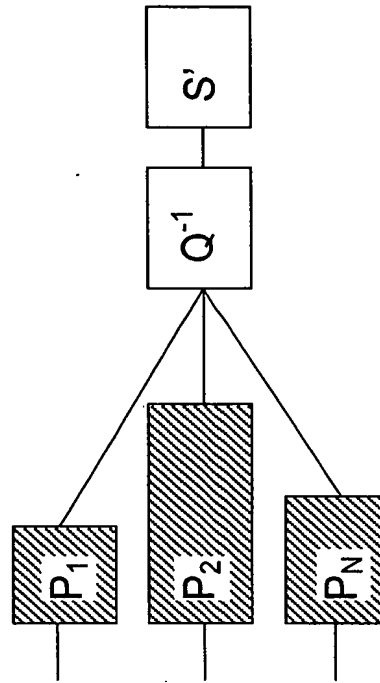


Fig. 8



$\approx$

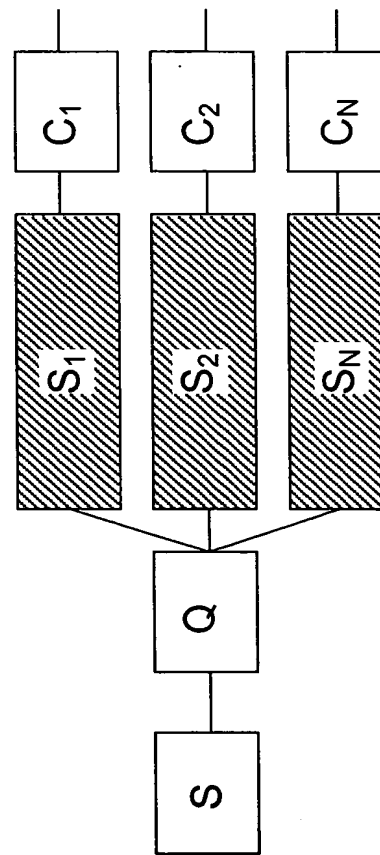


Fig. 9

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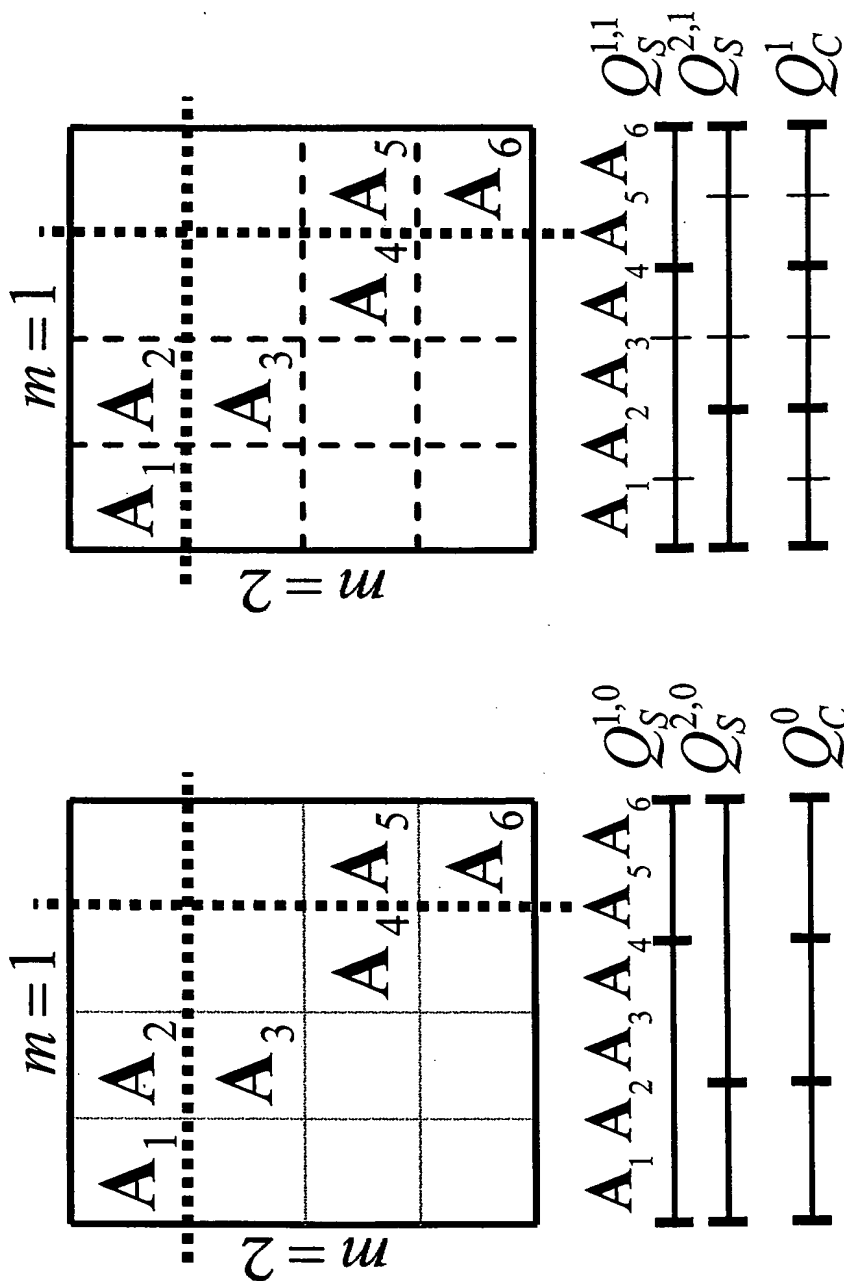


Fig. 10

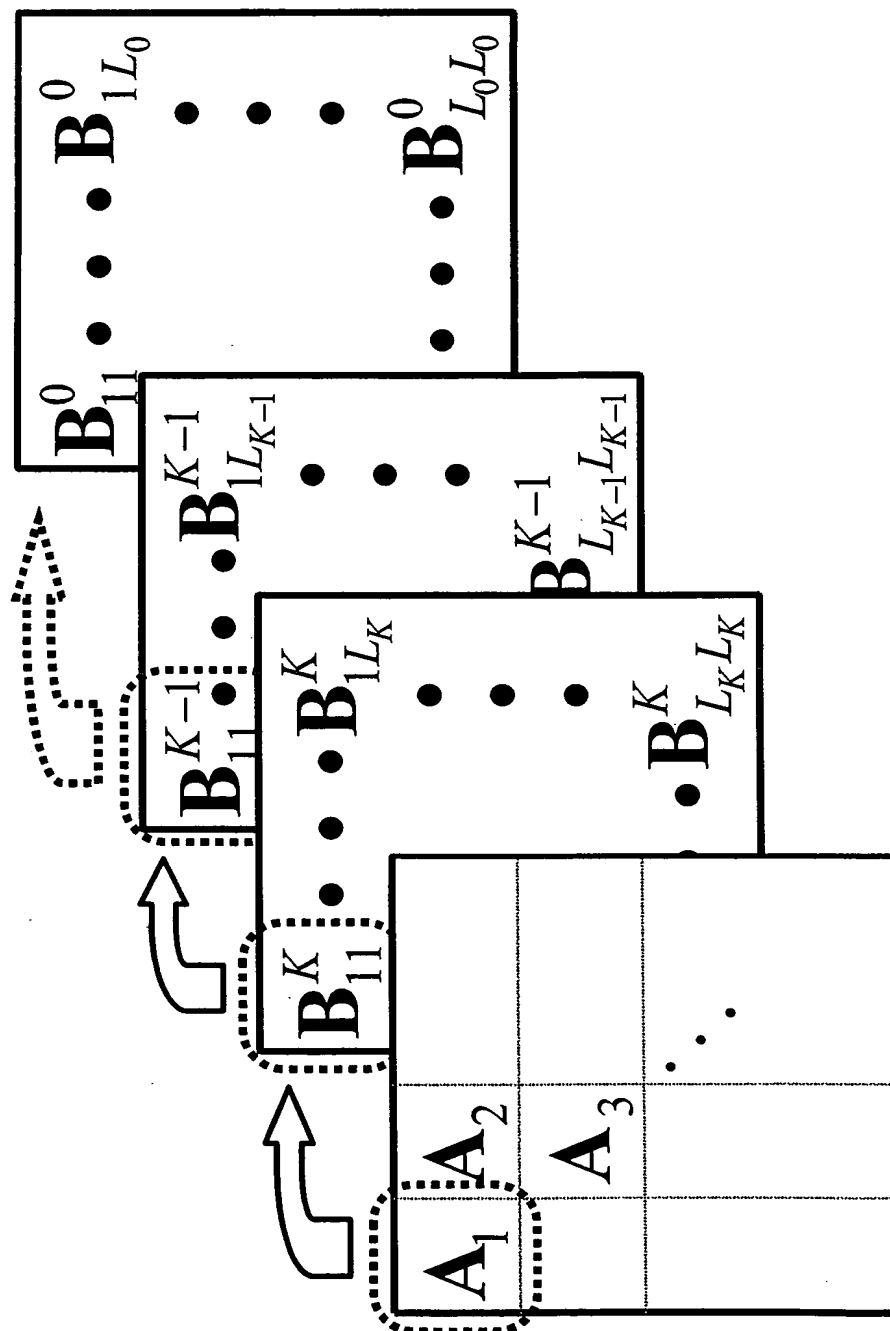
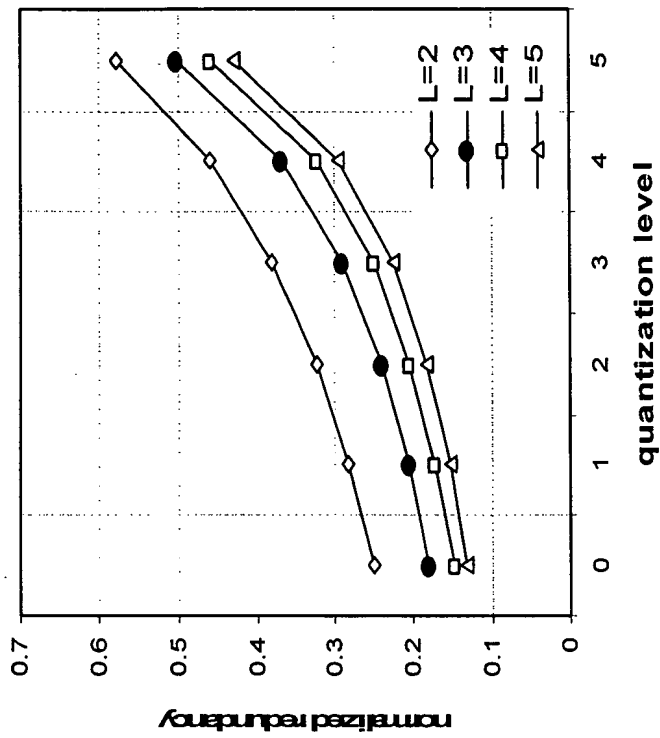
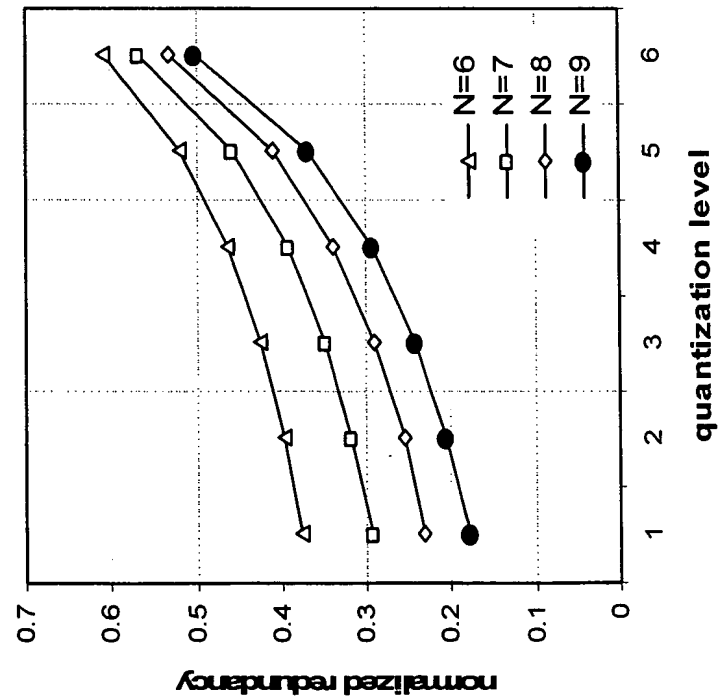


Fig. 11





(a)



(b)

Fig. 12

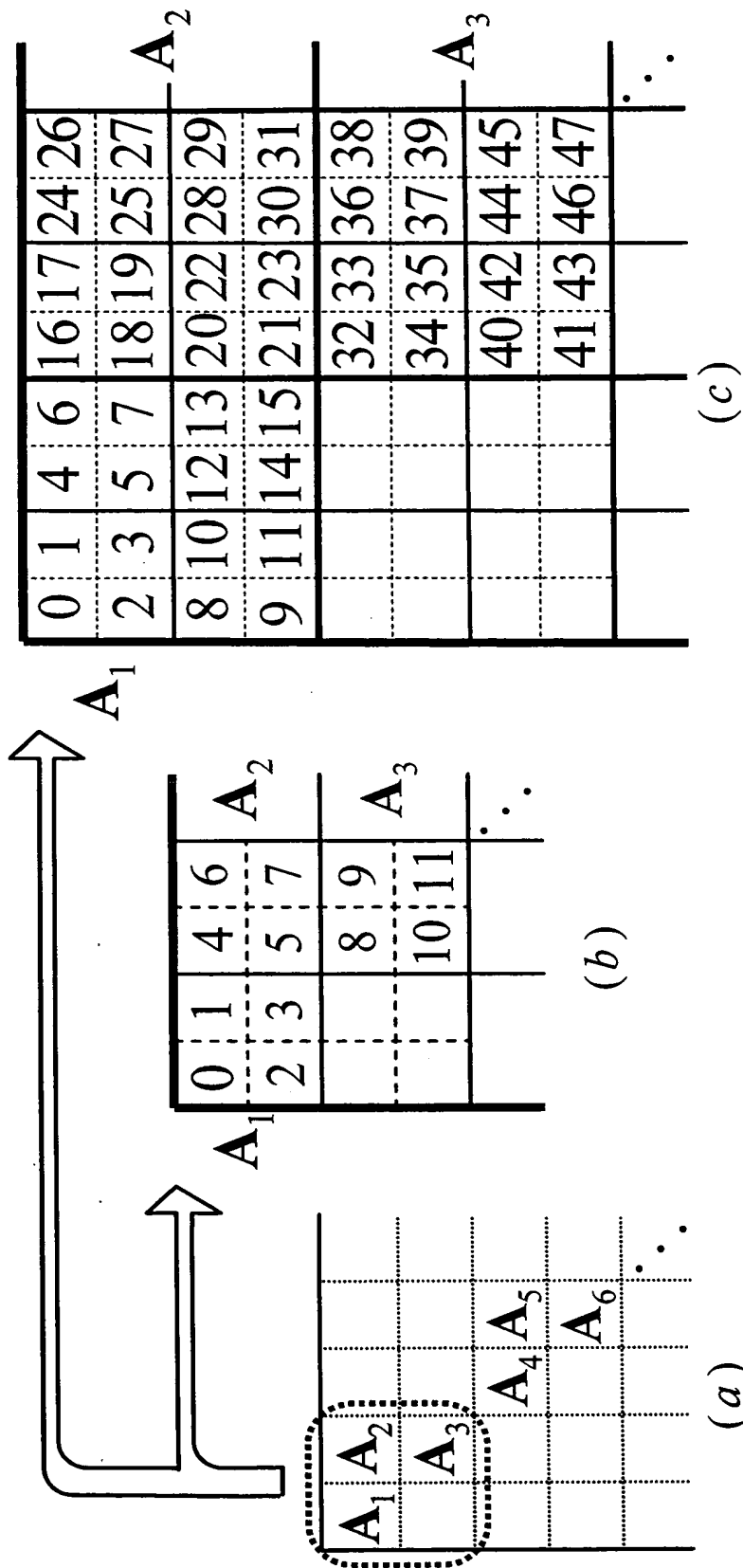


Fig. 13

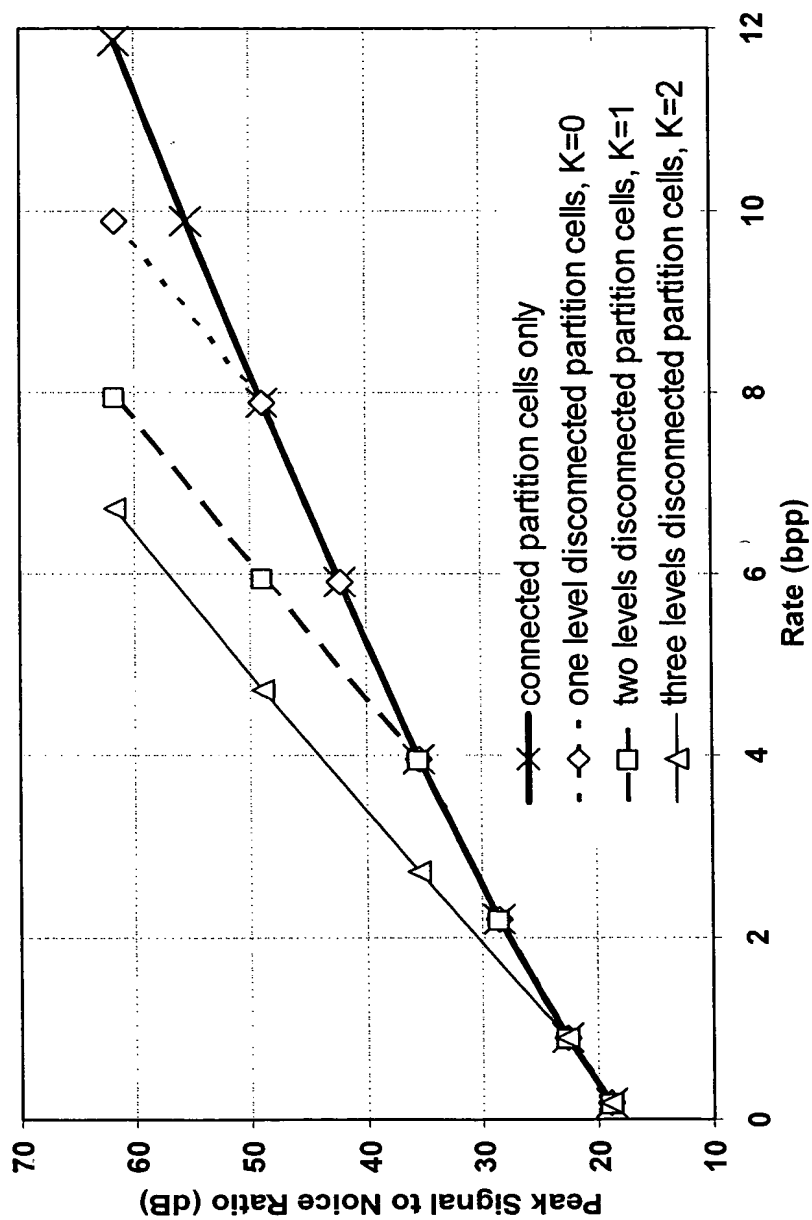


Fig. 14

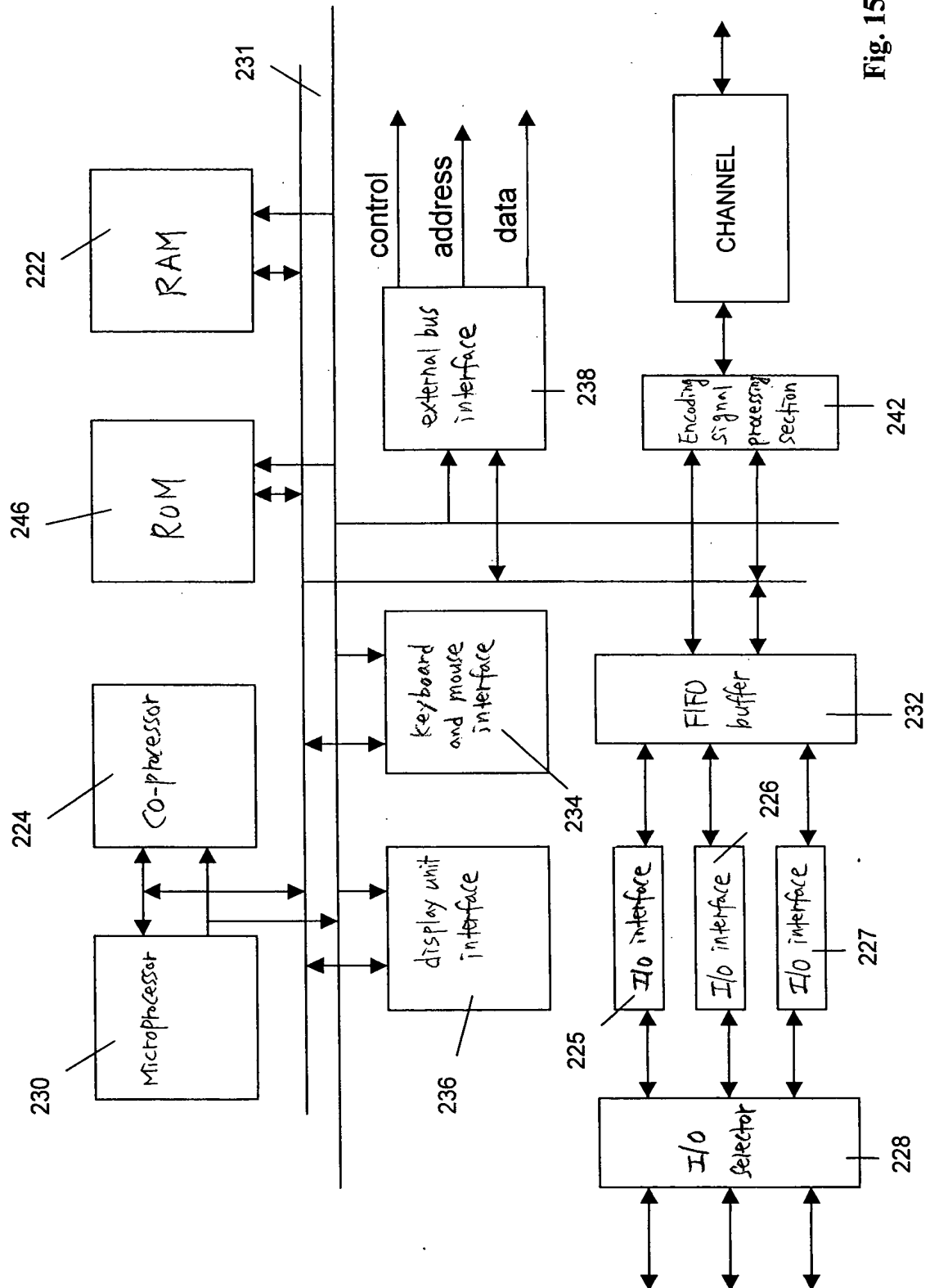


Fig. 15

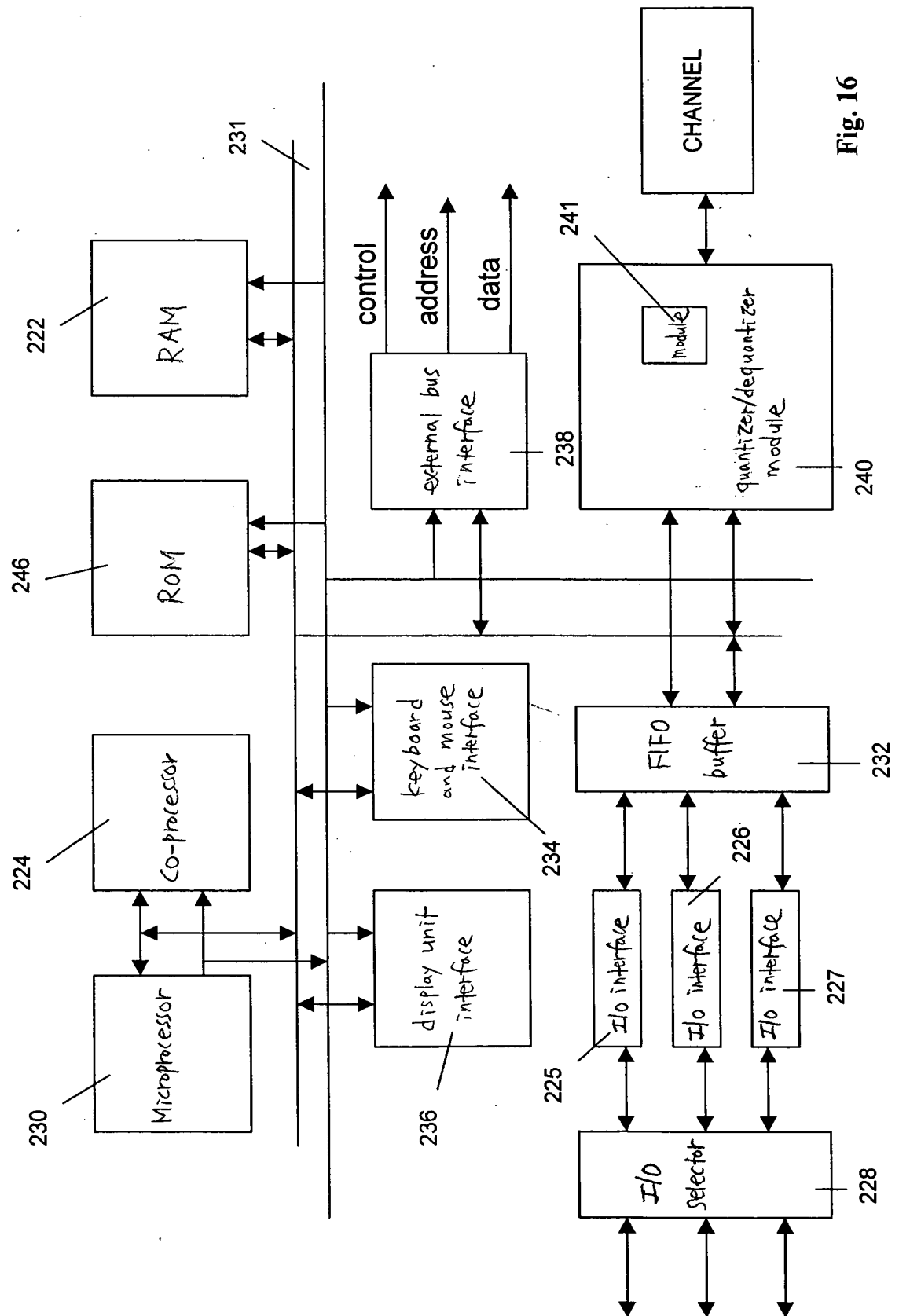


Fig. 16